Data Ingest Activities - TRMM Ancillary Ingest Scenario (cont.)

(Subsystems Involved: INS, MSS, IOS, DSS)

System	Operator
All of the messages listed below go to one or more log files which may be viewed by operations personnel by monitoring the display or by browsing the log files.	
1) Polling client periodically checks an agreed-upon network location for available data. Network address, status (faults), request ID, and start of ingest process will be indicated in the event log when data is located.	
** - All data at the specified location are assumed to make up a collection of ingest data with one file per data granule.**	

Data Ingest Activities - TRMM Ancillary Ingest Scenario (cont.)

System	Operator
- Ingest generates a corresponding ingest request and stores the request on a prioritized list. A summary of the DAN contents indicating data source, number of files, and allocation of data is placed in the event log.	- Ingest Tech. may monitor the status display showing subsequent ingest request processing and cancel requests.
2) If data is located, Ingest automatically performs an ftp get from the source within a system-tunable time window. Ingest function schedules and performs data transfer. Data transfer status/ recoverable errors indicated in the event log.	

Data Ingest Activities - TRMM Ancillary Ingest Scenario (cont.)

System	Operator
3) Data conversion requirements for TRMM ancillary data are currently TBD. When data conversion is performed, resources allocated to the conversion process are identified, and status is provided to the ingest status display and event log when the conversion is completed.	
4) Ingest function extracts metadata and checks selected metadata parameters. Status is written to the event log.	

Data Ingest Activities - TRMM Ancillary Ingest Scenario (cont.)

System	Operator
5) Ingest function requests to store ancillary data and metadata in the appropriate Data Server. Data repository insert request generated. Subscription (if any) triggered to indicate availability of data when the archive process is completed.	
6) The polling ingest client resets the polling interval and enters a wait state. Status message is provided to data provider and Ingest History Log when archiving is complete.	- DIT may view the history log. Request ID associated with this ingest process drops off of the ingest status display at this time.